

HP LaserJet 4345mfp series



Maximise workgroup productivity with print, copy, scan to e-mail, and analog fax¹. This flexible multifunction device supports multiple paper trays, stapling and stacking document-finishing options², a 3-bin mailbox³ and digital sending⁴.



HP LaserJet 4345 mfp

Ideal for busy workgroups of 3 – 15 users in businesses ranging from single site operations to the regional/satellite offices of large organisations, people who need shared access to a high productivity, monochrome A4 MFP offering a whole suite of advanced business tools.

Support high workflow needs of demanding workgroups.

- Enhance the productivity of busy office workgroups with versatile print, copy, digital sending⁴ and fax features¹.
- Flexible options with up to 2,100-sheet input capacity and automatic two-sided printing accessory¹.
- Choose 3-bin mailbox³ for separating print, copy and fax functions, assigning mailboxes for users or stacking up to 700 sheets.
- Boost performance with 50-sheet automatic document feeder (ADF) for unattended document processing.



HP LaserJet 4345x mfp

Simplify and save time.

- Streamline communication and transform your document workflow by optimising send to e-mail function with optional digital sending⁴.
- Get impressive results when you need them with 43 ppm black & white A4 printing and copying; first page out in under 10 seconds.
- Produce high quality duplex documents with the automatic two-sided printing accessory¹.
- Transform your document workflow with optional routing software – send information to a range of applications.



HP LaserJet 4345xs mfp

Easy, worry-free operation with HP LaserJet reliability.

- Easy sharing – enjoy best-in-class networking with the HP Jetdirect Fast Ethernet embedded print server.
- Easy to use, intuitive control panel with touch-screen graphics.
- Enjoy ease-of-use and reliability associated with HP LaserJet printers, plus all the versatility of a high productivity MFP.
- Get consistently high quality results with HP Smart printing technology⁵ – automatically enhancing print quality.



HP LaserJet 4345xm mfp

¹ Analog fax and automatic two-sided printing unit standard with HP LaserJet 4345x, 4345xs and 4345xm models.

² Stapler/stacker: standard with HP LaserJet 4345xs; optional accessory (sold separately) with HP LaserJet 4345, 4345x and 4345xm models.

³ 3-bin mailbox: standard with HP LaserJet 4345xm; optional accessories (sold separately) with HP LaserJet 4345, 4345x and 4345xs models.

⁴ Digital sending capabilities via optional accessory.

⁵ Using genuine HP supplies ensures availability of all HP Smart Printing features.

HP LaserJet 4345mfp series

1. Easy-to-use touch-screen control panel with 10-key number pad provides effortless device interaction
2. Automatic two-sided printing accessory for fast duplexing
3. 50-sheet automatic document feeder (ADF) automatically scans two-sided documents
4. 100-sheet multipurpose tray handles heavy custom media up to 200 g/m²
5. Adjustable 500-sheet input trays 2 and 3
6. MFP stand with storage cabinet
7. Bidirectional IEEE-1284-B compliant parallel port
8. HP Jetdirect Fast Ethernet Embedded Print Server
9. Open EIO slot enables HP and third-party solutions
10. Jetlink port for third-party paper handling solutions
11. Foreign interface harness connector
12. 256 MB total memory and a powerful 533 MHz processor perform complex tasks quickly
13. 20 GB HP high-performance embedded hard disk for effective digital sending, private printing, and job storage
14. Analog fax accessory⁶
15. 3-bin mailbox accessory



HP LaserJet 4345xm mfp shown

Series at a glance



4345mfp (Q3942A)

Printer, straight power cord, control panel overlay, print cartridge, software and documentation on CD-ROM, information and training CD, in-box documentation (getting started guide, walk up wall poster, network configuration guide, telephone support flyer) plus:

- 100-sheet multipurpose tray and 500-sheet input tray 2 for 600-sheet capacity
- 500-sheet output tray
- 50-sheet ADF
- HP Jetdirect Fast Ethernet Embedded Print Server
- 256 MB DDR RAM
- EIO Hard Disk 20 GB



4345x mfp (Q3943A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁶



4345xs mfp (Q3944A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁶
- MFP stand with storage cabinet
- Stapler/stacker accessory



4345xm mfp (Q3945A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁶
- MFP stand with storage cabinet
- 3-bin mailbox accessory

⁶Please refer to HP LaserJet MFP Analog Fax Accessory 300 datasheet for more information on supported countries and technical specifications.

Get versatile, efficient, and reliable document creation for the office.

Lasting value

Total cost of ownership is a critical part of the purchasing decision and the HP LaserJet 4345mfp series is capable of delivering significant cost savings.

An efficient multifunction device. Impressive paper-handling capabilities enable local document production, eliminating the costs associated with centralised printing.

Reliability saves money. Hewlett-Packard has consistently received the top grade in PC Magazine's Service and Reliability Survey and was recently awarded one of the first-ever A+ ratings. This level of reliability is a major factor behind enhanced user productivity and low total cost of ownership.

The HP Smart supplies advantage⁷

HP papers and print cartridges are designed to work together with HP printing devices to deliver impressive halftone images, smooth greyscales and fine details. HP Smart Printing technology is activated every time you install an HP print cartridge; as well as enabling easy management of your supplies, each HP print cartridge continually adjusts toner properties to ensure high-quality output throughout its working life.

Award-winning HP support

We offer a range of support options to enable you to make the most of your investment and ensure that your MFP always operates at peak efficiency. Start with a one-year, next-day, onsite HP limited warranty, backed by free telephone support. To further guarantee trouble-free operation, we can have options including network installation, advanced maintenance and post-warranty support.

Add the following optional components and build an MFP to meet the needs of your business.



(Q5968A)
500-sheet input trays –
for input capacity of up
to 2,100 sheets



(Q5692A)
700-sheet 3-bin
mailbox – assign to
individuals or device
functions



(Q5691A)
Stapler/stacker – staple
up to 30 pages; stack
up to 500 sheets



(Q2438B)
75-sheet envelope
feeder – efficient
business mailing



(Q5969A)
Automatic two-sided
printing unit – fast,
efficient duplexing



(Q5970A)
Stand with storage
cabinet – convenient
storage and easier
access



(Q3701A)
HP LaserJet MFP
Analog Fax Accessory
300 – advanced
business fax features



(J6058A)
HP Jetdirect 680n
802.11b Wireless Print
Server – for wireless
connection



(J6072A)
HP bt1300 Bluetooth®
Wireless Printer
Adapter⁸ – print from
mobile phones or PDAs



(T1936AA)
HP Digital Sending
Software 4.0 – integrate
paperwork into
electronic workflows



(T1943AA)
HP AutoStore software
– send scanned
paperwork to
document management
applications



(e.g. Q2627A)
Add up to 512 MB
of memory through 2
open 100-pin DDR
DIMM slots

⁷Using genuine HP supplies ensures availability of all HP printing features.

⁸For more information and a list of supported phones and other devices, go to www.hp.com/support/bluetoothprinteradapter.

Technical specifications

Print speed	First page out black: Less than 10 sec Warm-up time: 2 mins (from cold power on) Exact speed varies depending on the system configuration, software programme, and document complexity.	
Processor	533 MHz, MIPS 20KC Processor	
Memory	256 MB, HP 20 GB high capacity hard disk, expandable to 512 MB through 2 open 100-pin DDR DIMM slots using Memory Enhancement technology (MEI)	
Print	<p>Technology: Laser</p> <p>Quality: Best: 1200 x 1200 dpi (with HP Fastres 1200) Normal: 1200 x 1200 dpi (with HP Fastres 1200) Draft: 600 x 600 dpi (with Resolution Enhancement technology REI) Up to 43 ppm (A4) HP PCL 6, HP PCL 5e, HP Postscript Level 3 Emulation, Printer Management Language, PDF, XHTML Economical printing: Economode (saves up to 50% toner from 600 dpi), immediate return to Powersave mode after each print job due to instant-on fuser technology (saves electricity), optional automatic two-sided printing and N-up printing (saves paper)</p> <p>Typefaces/fonts: 80 scalable TrueType™ fonts Duty cycle: Up to 200,000 pages per month Print margins: Top: 4.2 mm; left: 4.2 mm; right: 4.2 mm; bottom: 4.2 mm</p>	
Fax	<p>Resolution: Standard: 200 x 100 dpi; fine: 200 x 200 dpi; superfine: 300 x 300 dpi</p> <p>Please refer to HP LaserJet MFP Analog Fax Accessory 300 Datasheet for more information.</p>	
Digital Sending	<p>File formats: PDF, JPG, TIFF, M-TIFF</p> <p>Installation: HP Embedded Web Server, HP Web Jetadmin, HP Toolbox, HP Install Network Printer Wizard</p>	
Scan	<p>Type: Flatbed, automatic document feeder (ADF) duplex</p> <p>Resolution: 600 dpi optical</p> <p>Bit depth: 30-bit</p> <p>Levels of grey: 220</p> <p>Scannable area: Minimum media size: 148 x 210 mm, maximum media size: 227 x 302 mm</p> <p>Margins: Left: 4.2 mm; top: 4.2 mm; right: 4.2 mm; bottom: 4.2 mm (edge-to-edge scanning off)</p> <p>Advanced features: 45 ipm scanner with 50-sheet duplex ADF, Xenon lamp for Instant-on copying/scanning</p>	
Copy	<p>Speed: Up to 43 cpm (A4)</p> <p>Multiple copies: 1-32,000</p> <p>Reduce/enlarge: 25 to 400%</p> <p>Advanced features: 45 images per minute (ipm) scanner with 50-sheet duplex ADF</p>	
Media types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, colour, rough), transparencies, labels, envelopes, card stock	
Media handling	<p>Input</p> <p>Tray 1</p> <p>Size</p> <p>A4, A5, B5, executive, 16K, D Postcard, statement, 210 x 297 mm, envelopes (DL, C5, B5, No. 10, Commercial), custom 76 x 127 to 216 x 356 mm</p> <p>Tray 2/3</p> <p>Duplex unit</p> <p>A4, A5, B5, executive, 16K, 210 x 297 mm, custom 148 x 210 to 216 x 356 mm</p> <p>Output: Sheets: 4345/x mfp: 500, 4345xs mfp: 500 (or 15 packets of 30 pages stapled), 4345xm mfp: 700 (500 bottom tray, 100 in each of top two bins), envelopes: 100, transparencies: 500</p> <p>Duplex printing: 4345 mfp: Automatic (optional with the purchase of auto-duplex unit), 4345x/xs/xm mfp: Automatic (standard)</p>	
Interface and connectivity	<p>Standard: IEEE 1284-B compliant parallel port, HP Jetdirect Fast Ethernet Embedded Print Server (network connection), Foreign Interface Harness (FIH) port, fax connection (for optional analog fax accessory), open EIO slot</p> <p>Optional: HP Jetdirect EIO Internal Print Servers, HP Jetdirect External Print Servers, and HP Jetdirect EIO Connectivity Card for USB (compatible with USB 2.0 specifications), serial, and LocalTalk</p>	
Operating systems compatibility	<p>Standard: Microsoft® Windows® 98, Me, NT 4.0 (parallel and network connections only), 2000, XP, Server 2003; Apple Mac OS 9.x and later, OS X v 10.1 or later</p> <p>Optional: OS/2, UNIX, Linux, HP OpenVMS</p> <p>Recent printer drivers for all supported operating systems are available at http://www.hp.com/support/lj4345mfp. If no access to the Internet, see support flyer that came in the MFP box</p>	
Network operating systems compatibility	<p>Standard: Microsoft® Windows® 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell® NetWare 3.2, 4.2, 5.x, 6.x; Apple Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris® 2.5x, 2.6, 7, 8, 9, 10 (SPARC systems only); IBM® AIX 3.2.5 and later; MPE-IX</p> <p>Optional: Microsoft® Windows NT® 4.0, 2000, XP, Server 2003, Apple Mac OS 9.x, OS X</p>	
Minimum system requirements	<p>Microsoft® Windows® 98: Pentium® 90, 16 MB RAM; Windows Me: Pentium 150, 32 MB RAM; Windows NT 4.0: Pentium 90, 32 MB RAM; Windows 2000: 133 MHz processor, 64 MB RAM; Windows XP: 233 MHz processor, 64 MB RAM; Windows Server 2003 (standard edition): 550 MHz processor, 128 MB RAM; 220 MB of free hard disk space for Windows, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port</p> <p>160 MB free hard disk space, Mac OS 9.x and Mac OS X v 10.1 and later, CD-ROM drive, IEEE 1284-B compliant bidirectional parallel port</p>	
Standard software	Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5e, HP Postscript Level 3 Emulation, HP LaserJet Utility, HP Toolbox, Macintosh software, PostScript Printer Description)	
Control panel	Intuitive operation and easy to understand messaging, 640 x 240 touchscreen LCD display with help features. Messages can be displayed in 20 languages. Buttons: Cancel job, Start, Down arrow, Help, Menu, Up arrow, Back arrow, 13-button numeric keypad with Cancel, Sleep, Status; lights: Ready, Data, Attention	
Printer management	HP Embedded Web Server, HP Web Jetadmin, HP Toolbox, HP LaserJet Utility	
Power	Requirements: Input voltage 220 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz), recommended circuit capacity 8 amps. External AC	
Dimensions (w x d x h) (out of package/packaged)	4345 mfp: 980 x 490 x 550 mm (incl. output tray)/802 x 648 x 842 mm; 4345x mfp: 980 x 490 x 550 mm/802 x 648 x 1052 mm; 4345xs/xm mfp: 1250 x 490 x 1100 mm/1200 x 1000 x 1440 mm	
Weight (out of package/packaged)	4345 mfp: 51.6 kg/69.8 kg; 4345x mfp: 54.6 kg/74.4 kg; 4345xs mfp: 69.4 kg/171 kg; 4345xm mfp: 69.3 kg/171 kg	
Operating environment	Environmental ranges: operating temperature: 10 to 32.5° C, recommended operating temperature: 10 to 32.5° C, operating humidity: 10 to 80% RH, recommended operating humidity: 10 to 80% RH, storage temperature: 0 to 35° C, storage humidity: 10 to 80% RH. Noise level per ISO 9296, sound power: LwAd 7.0 B(A) (printing), 7.2 B(A) (copying)	
Certifications	Safety certifications: IEC 60950 (international), EN 60950 (international), IEC 60825-1+A1, EN 60825-1+A11 Class 1 Laser/LED product, GB4943, Laser statement (Finland). EMC certifications: IEC 60950 (International), EN 60950 (International), IEC 60825-1+A1, EN 60825-1+A11 Class 1, GB4943, CISPR 22 +A1+A2/EN 55022:1994+A1+A2 Class B, EN 61000-3-2/A14, EN 61000-3-3, EN 55024, FCC Title 47 CFR, ICES-003, Issue 3, AS/NZS 3548+A1+A2 G89254, EMC Directive 89/336/EEC, Low Voltage Directive 73/23/EEC, CE Marking (Europe), EN55022/FCC Part 15 Class A when LAN cable attached. Energy Star®	
Warranty	One-year, next-day on-site limited warranty; optional HP Care Packs available	

<http://www.hp.com> <http://www.hp.com/go/all-in-one>

For more information, please call your local HP sales office or representative: **Austria:** 0800 242 242, **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (078) 15 20 30 (0.0496 EUR/min), **Bulgaria:** (+359) 2960 1940, **Croatia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 261 108 108 (Prague), **Denmark:** 48 12 10 00, **Egypt:** 532 5222, **Estonia:** (+372) 6813 823, **Finland:** (+358) 0205 350, **France:** 0 826 800 400, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** 8 800 10000 or 8 5 2103333, **Luxembourg:** (+352) 263 160 34, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia: 0-800 122 622, **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Serbia/Montenegro:** +381 11 201 99 00, **Slovakia:** +421-2-50222111, **Slovenia:** +3861 2307 420, **South Africa:** 0800 118 883, **Spain:** (91) 634 88 00, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20.



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Published in EMEA 10/04 5982-8001EEE

Ordering information

Q3942A	HP LaserJet 4345mfp
Q3943A	HP LaserJet 4345x mfp
Q3944A	HP LaserJet 4345xs mfp
Q3945A	HP LaserJet 4345xm mfp

Memory	
Q2625A	HP 64 MB 100-pin DDR DIMM
Q2626A	HP 128 MB 100-pin DDR DIMM
Q2627A	HP 256 MB 100-pin DDR DIMM
Q2628A	HP 512 MB 100-pin DDR DIMM
J6073A	HP EIO Hard Disk 20 GB

Accessories	
Q3701A	HP LaserJet MFP Analog Fax Accessory 300

Paper Handling	
Q5968A	HP 500-sheet input feeder tray
Q5969A	HP Automatic two-sided printing accessory
Q2438B	HP 75-sheet envelope feeder
Q5691A	HP Stapler/stacker
Q5692A	HP 3-bin mailbox
Q5970A	HP MFP stand with storage cabinet

Supplies	
Q6496A	HP ADF replacement Mylar sheets (package of 3)
C8091A	HP Staple cartridge, 5,000 staples
Q5945A	HP LaserJet print cartridge* (up to 18,000 pages)

*Up to 18,000 standard pages in accordance with ISO/IEC 19752

Maintenance kits	
Q5997A	HP ADF Maintenance Kit
Q5999A	HP Printer Maintenance Kit (220V)

Connectivity	
J7960A	HP Jetdirect 625n Gigabit Ethernet Internal Print Server
J7934A	HP Jetdirect 620n Fast Ethernet Internal Print Server
J6058A	HP Jetdirect 680n 802.11b Wireless Ethernet Internal Print Server
J6072A	HP bi1300, Bluetooth® Wireless Print Adapter

Digital Sending Software	
T1936AA	HP Digital Sending Software 4.0
T1943AA	HP AutoStore

Service & support	
H7668A/E	HP Care pack, Next Business Day on-site, 3-years
H7686A/E	HP Care pack, 4 hours on-site response 3-years
H7688PA/PE	HP Care pack, post warranty, Next Business Day on-site, 1-year
H7689PA/PE	HP Care pack, post warranty, 4 hours on-site response, 1-year
U2010A/E	Installation and network configuration

